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DEPARTMENT OF THE AIR FORCE
HEADQUARTERS UNITED STATES AIR FORCE
WASHINGTON 25, D. C.

JUL 17 1958

USAF Declass/Release Instructions On File

MEMORANDUM FOR THE PROJECT DIRECTOR

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SUBJECT: Photographic Support for Project [REDACTED]

1. In recent weeks there have been several meetings between members of your staff representing R & D, Contracting, Photography, Chief of Security and representatives of the [REDACTED] project office. The following areas of mutual interest have been discussed and the offices concerned have reached general agreement.

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2. ACCESS to EASTMAN FACILITY. The number of persons having knowledge of, or access to the Eastman Facility will be held to a minimum. Requests for clearance for visits will be channeled to the [REDACTED] project office. The [REDACTED] project office will review the request for "NEED TO KNOW". When "NEED TO KNOW" is substantiated the project office will request clearance authority for visit from your Security Office.

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At the present it appears that the clearance requirements will be limited to seven persons. Three of these at present have "CHALICE" clearances. One has a "CHALICE" clearance pending (submitted as a requirement of other duties). Action is being taken to process the three additional clearances.

3. PROCESSING EQUIPMENT. Special photographic processors and printing equipment will be furnished by [REDACTED]

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The limited expenditure of funds involved in installing this special equipment is not sufficient to justify acquainting additional procurement or material personnel with the details of this joint effort. In the event the installation cost justifies an exchange of funds [REDACTED] will provide funds on a reimbursable basis.

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4. FILM PRODUCTION - [REDACTED] Due to the limited amount of printing equipment it is desirable that the Eastman facility prepare all the dupe negative and positives required for distribution to the Armed Forces and the CIA.

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An estimated 20,000 feet of original film will require processing. Flights over non-sensitive areas (associated with the [REDACTED]) will produce approximately 6,000 feet of film. Flights over sensitive areas will produce less than 7,500 feet.

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Memo for Proj Dir., subj: Photographic Support for Project [REDACTED] (cont)

The film from flights over non-sensitive areas will be used to establish processing and printing techniques. It will be given limited distribution to Intelligence centers for familiarization purposes. The print requirements are 2 master positives, 2 duplicate negatives and 2 working positives.

The film from flights over sensitive areas will require production in considerably larger quantities. The estimated maximum requirement is 4 master positives, 14 duplicate negatives and 9 working positives. Considering losses from cloud coverage or malfunctions, the estimated maximum production requirement will be less than 50,000 feet of non-sensitive film and 200,000 feet of sensitive film.

Programmed at 7 feet per second a 2,500 foot roll can be processed in approximately 6 hours. Therefore, the processing time for original film is estimated to be in the neighborhood of 45 hours of continuous operation of the ITEK processor.

The film for duplicate negatives and positives can be processed at a speed of 10 feet per minute in the standard 70 mm processor. This will require 415 hours of processing time.

Labor for the above production will be funded under the existing contract at Eastman.

Chemicals will be furnished under the existing contract at Eastman.

Film cans and spools will be funded from [REDACTED] and shipped to Eastman.

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As a requirement for analysis and evaluation of the resolution and sensitometric characteristics of film and equipment used in the [REDACTED] system a step wedge and a resolution target will be required on each roll of film. If equipment to prepare these strips is not already available at Eastman it will be furnished by [REDACTED]

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In addition to the above 70mm film there will be approximately 10 rolls of 16mm (50 ft lengths) to be processed and duplicated. This 16mm film from the [REDACTED] unit will have one positive print made and retained until delivery of the negative to ACIC has been confirmed.

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Technical services required in repair on modification of the processors and printers has been contracted for and will be furnished by ITEK Corporation. The necessary clearances have been submitted as outlined under security above.

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Memo for Project Director, subj: Photographic Support for Project [REDACTED]
(cont)

25X1A The photo officer of your Operations Division has agreed to provide [REDACTED] project office with name, address and phone number of a contact in Rochester where film can be delivered and picked up.

Courier service is an Air Force responsibility. Arrangements for the pick up and distribution of film will be worked out between [REDACTED] 25X1A your photo officer, Security office and the [REDACTED] project office.

25X1A As agreed in discussions regarding test to determine the feasibility of using a modified HYAC camera to replace the tracking camera, the [REDACTED] project office has authorized the shipment of three (3) HYAC cameras to your project. Shipping instructions for one (1) camera for test at [REDACTED] have been received. Instructions for shipping two (2) cameras to be tested by HYCON have not been received. Upon receipt of shipping instructions the [REDACTED] project office will initiate the necessary action. 25X1A



PAUL E. GREMLER
Lt Colonel, U. S. Air Force
Chief, Special Project Office
DCS/Operations

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